

Pak, M.

1646

119
1120

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/199,874A

DATE: 03/22/2000
TIME: 15:50:50

Input Set: I199874A.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

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P.S

1 <110> APPLICANT: Segre, Gino V.
2 Kronenberg, Henry M.
3 Abou-Samra, Abdul-Badi
4 Juppner, Harald
5 Potts, Jr., John T.
6 Schipani, Ernestina
7 <120> TITLE OF INVENTION: PARATHYROID HORMONE RECEPTOR AND DNA ENCODING-SAME
8 <130> FILE REFERENCE: 00786/071005
9 <140> CURRENT APPLICATION NUMBER: US/09/199,874A
10 <141> CURRENT FILING DATE: 1998-11-24
11 <150> EARLIER APPLICATION NUMBER: US 08/471,494
12 <151> EARLIER FILING DATE: 1995-06-06
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18 <213> ORGANISM: Didelphoidea
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25 Met Gly Ala Pro Arg Ile
26 1 5
27 tcg cac agc ctt gcc ttg ctc ctc tgc tgc tcc gtg ctc agc tcc gtc 163
28 Ser His Ser Leu Ala Leu Leu Leu Cys Cys Ser Val Leu Ser Ser Val
29 10 15 20
30 tac gca ctg gtg gat gcc gat gat gtc ata acg aag gag gag cag atc 211
31 Tyr Ala Leu Val Asp Ala Asp Asp Val Ile Thr Lys Glu Glu Gln Ile
32 25 30 35
33 att ctt ctg cgc aat gcc cag gcc cag tgt gag cag cgc ctg aaa gag 259
34 Ile Leu Leu Arg Asn Ala Gln Ala Gln Cys Glu Gln Arg Leu Lys Glu
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36 gtc ctc agg gtc cct gaa ctt gct gaa tct gcc aaa gac tgg atg tca 307
37 Val Leu Arg Val Pro Glu Leu Ala Glu Ser Ala Lys Asp Trp Met Ser
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39 agg tct gca aag aca aag aag gag aaa cct gca gaa aag ctt tat ccc 355
40 Arg Ser Ala Lys Thr Lys Lys Glu Lys Pro Ala Glu Lys Leu Tyr Pro
41 75 80 85
42 cag gca gag gag tcc agg gaa gtt tct gac agg agc cgg ctg cag gat 403
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88	Ala Val Phe Val Ala Val Trp Val Thr Val Arg Ala Thr Leu Ala Asn	
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93	gtg ccc atc ctg gca gct att gtg gtg aac ttt att ctt ttt atc aat	1230
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99    tgt gac acg agg caa cag tat aga aag ctg ctg aag tcc acg cta gtc    1315
100   cys asp thr arg gln gln tyr arg lys leu leu lys ser thr leu val
101          395          400          405
102   ctc atg ccg cta ttt ggg gtg cac tac atc gtc ttc atg gcc acg ccg    1363
103   leu met pro leu phe gly val his tyr ile val phe met ala thr pro
104          410          415          420
105   tac aca gaa gta tca ggg att ctt tgg caa gtc caa atg cac tat gaa    1411
106   tyr thr glu val ser gly ile leu trp gln val gln met his tyr glu
107          425          430          435
108   atg ctc ttc aat tca ttc cag gga ttt ttc gtt gcc att ata tac tgt    1459
109   met leu phe asn ser phe gln gly phe phe val ala ile ile tyr cys
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111   ttc tgc aat gga gag gta caa gca gag atc aag aag tca tgg agc cga    1507
112   phe cys asn gly glu val gln ala glu ile lys lys ser trp ser arg
113   455          460          465          470
114   tgg acc ctg gcc ttg gac ttc aag cgg aag gcc cgg agt ggc agc agt    1555
115   trp thr leu ala leu asp phe lys arg lys ala arg ser gly ser ser
116          475          480          485
117   acc tac agc tat ggc ccc atg gtg tca cat aca agt gtc acc aat gtg    1603
118   thr tyr ser tyr gly pro met val ser his thr ser val thr asn val
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120   gga cct cga ggg ggc tgg cct tgt ccc tca gcc ctc gac tagctcctgg    1652
121   gly pro arg gly gly trp pro cys pro ser ala leu asp
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154	cag gca gag gag tcc agg gaa gtt tct gac agg agc cgg ctg cag gat	403
155	Gln Ala Glu Glu Ser Arg Glu Val Ser Asp Arg Ser Arg Leu Gln Asp	
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157	ggc ttc tgc cta cct gag tgg gac aac att gtg tgc tgg cct gct gga	451
158	Gly Phe Cys Leu Pro Glu Trp Asp Asn Ile Val Cys Trp Pro Ala Gly	
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161	Val Pro Gly Lys Val Val Ala Val Pro Cys Pro Asp Tyr Phe Tyr Asp	
162	120 125 130	
163	ttc aac cac aaa ggc cga gcc tat cgg cgc tgt gac agc aat ggc agc	547
164	Phe Asn His Lys Gly Arg Ala Tyr Arg Arg Cys Asp Ser Asn Gly Ser	
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166	tgg gag ctg gtg cct ggg aac aac cgg aca tgg gcg aat tac agc gaa	595
167	Trp Glu Leu Val Pro Gly Asn Asn Arg Thr Trp Ala Asn Tyr Ser Glu	
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171	170 175 180	
172	cgc ctc gga atg atc tac act gtg ggc tac tcc atc tct ctg ggc tcc	691
173	Arg Leu Gly Met Ile Tyr Thr Val Gly Tyr Ser Ile Ser Leu Gly Ser	
174	185 190 195	
175	ctc act gtg gct gtg ctg att ctg ggt tac ttt agg agg tta cat tgc	739
176	Leu Thr Val Ala Val Leu Ile Leu Gly Tyr Phe Arg Arg Leu His Cys	
177	200 205 210	
178	acc cga aac tac att cac atg cat ctc ttc gtg tcc ttt atg ctc cgg	787
179	Thr Arg Asn Tyr Ile His Met His Leu Phe Val Ser Phe Met Leu Arg	
180	215 220 225 230	
181	gct gta agc atc ttc atc aag gat gct gtg ctc tac tcg ggg gtt tcc	835
182	Ala Val Ser Ile Phe Ile Lys Asp Ala Val Leu Tyr Ser Gly Val Ser	
183	235 240 245	
184	aca gat gaa atc gag cgc atc acc gag gag gag ctg agg gcc ttc aca	883
185	Thr Asp Glu Ile Glu Arg Ile Thr Glu Glu Glu Leu Arg Ala Phe Thr	
186	250 255 260	
187	gag cct ccc cct gct gac aag gcg ggt ttt gtg ggc tgc aga gtg gcg	931
188	Glu Pro Pro Pro Ala Asp Lys Ala Gly Phe Val Gly Cys Arg Val Ala	
189	265 270 275	
190	gta acc gtc ttc ctt tac ttc ctg acc acc aac tac tac tgg atc ctg	979
191	Val Thr Val Phe Leu Tyr Phe Leu Thr Thr Asn Tyr Tyr Trp Ile Leu	
192	280 285 290	
193	gtg gaa ggc ctc tac ctt cac agc ctc atc ttc atg gct ttt ttc tct	1027
194	Val Glu Gly Leu Tyr Leu His Ser Leu Ile Phe Met Ala Phe Phe Ser	

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200	Ala Val Phe Val Ala Val Trp Val Thr Val Arg Ala Thr Leu Ala Asn				
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203	Thr Glu Cys Trp Asp Leu Ser Ser Gly Asn Lys Lys Trp Ile Ile Gln				
204		345	350	355	
205	gtg ccc atc ctg gca gct att gtg gtg aac ttt att ctt ttt atc aat				1219
206	Val Pro Ile Leu Ala Ala Ile Val Val Asn Phe Ile Leu Phe Ile Asn				
207		360	365	370	
208	ata atc aga gtc ctg gct act aaa ctc cgg gag acc aat gca ggg aga				1267
209	Ile Ile Arg Val Leu Ala Thr Lys Leu Arg Glu Thr Asn Ala Gly Arg				
210		375	380	385	390
211	tgt gac acg agg caa cag tat aga aag ctg ctg aag tcc acg cta gtc				1315
212	Cys Asp Thr Arg Gln Gln Tyr Arg Lys Leu Leu Lys Ser Thr Leu Val				
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215	Leu Met Pro Leu Phe Gly Val His Tyr Ile Val Phe Met Ala Thr Pro				
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217	tac aca gaa gta tca ggg att ctt tgg caa gtc caa atg cac tat gaa				1411
218	Tyr Thr Glu Val Ser Gly Ile Leu Trp Gln Val Gln Met His Tyr Glu				
219		425	430	435	
220	atg ctc ttc aat tca ttc cag gga ttt ttc gtt gcc att ata tac tgt				1459
221	Met Leu Phe Asn Ser Phe Gln Gly Phe Phe Val Ala Ile Ile Tyr Cys				
222		440	445	450	
223	ttc tgc aat gga gag gta caa gca gag atc aag aag tca tgg agc cga				1507
224	Phe Cys Asn Gly Glu Val Gln Ala Glu Ile Lys Lys Ser Trp Ser Arg				
225		455	460	465	470
226	tgg acc ctg gcc ttg gac ttc aag cgg aag gcc cgg agt ggc agc agt				1555
227	Trp Thr Leu Ala Leu Asp Phe Lys Arg Lys Ala Arg Ser Gly Ser Ser				
228		475	480	485	
229	acc tac agc tat ggc ccc atg gtg tca cat aca agt gtc acc aat gtg				1603
230	Thr Tyr Ser Tyr Gly Pro Met Val Ser His Thr Ser Val Thr Asn Val				
231		490	495	500	
232	gga cct cga ggg ggg ctg gcc ttg tcc ctc agc cct cga cta gct cct				1651
233	Gly Pro Arg Gly Gly Leu Ala Leu Ser Leu Ser Pro Arg Leu Ala Pro				
234		505	510	515	
235	ggg gct gga gcc agt gcc aat ggc cat cac cag ttg cct ggc tat gtg				1699
236	Gly Ala Gly Ala Ser Ala Asn Gly His His Gln Leu Pro Gly Tyr Val				
237		520	525	530	
238	aag cat ggt tcc att tct gag aac tca ttg cct tca tct ggc cca gag				1747
239	Lys His Gly Ser Ile Ser Glu Asn Ser Leu Pro Ser Ser Gly Pro Glu				
240		535	540	545	550
241	cct ggc acc aaa gat gac ggg tat ctc aat ggc tct gga ctt tat gag				1795
242	Pro Gly Thr Lys Asp Asp Gly Tyr Leu Asn Gly Ser Gly Leu Tyr Glu				
243		555	560	565	
244	cca atg gtt ggg gaa cag ccc cct cca ctc ctg gag gag gag aga gag				1843

Please Note:
 Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
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Input Set: I199874A.RAW

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